The Titusville Morning Herald.
BY
BLOSS BROS. & COGSWELL,
W W Bloss, H Q Bloss, J H Cogswell
TERMS—To Mail Subscribers, per year, $10. By our carrier 20 cents per week

PETROLEUM REPORTER
[WEEKLY]
$3 50 Per Year in Advance.
The Best Advertising Medium in the Oil Regions

MORNING HERALD.

THE FIRST DAILY PAPER IN THE OIL REGIONS.

VOL 2, NO. 84. TITUSVILLE, MONDAY, DECEMBER 25, 1865. PRICE FIVE CENTS.

EPHRAIM RALPH
Is now Selling at the Lowest Market Rates, for Cash, at his
New Brick Front Store,
OPPOSITE FIRST NATIONAL BANK
Franklin Street,
TITUSVILLE, PA,
10 000 ROLLS FRENCH ENGLISH AND AMERICAN WALL PAPER
1 500 CIDER AND PAPER SHADES AND FIXTURES
1 000 BRUSHES BRITISH PAINT AND WHITEWASH
1 000 GALLONS PURE LINSEED LUBRICATING AND REFINED OILS
200 GALLONS COACH FURNITURE AND WHITE VARNISHES
200 KEGS DRY WHITE LEAD AND ZINC
2 500 LBS PUTTY
1 000 GLAZED SASH ALL SIZES
100 DIFFERENT COLORS PAINTS DRY AND IN OIL, GLAZIERS DIAMONDS KITCHEN KNIVES &c
Particular Attention
GIVEN TO
SIGN PAINTING
AND
STORE SHADES.
nov 30 1tf

Furniture Warerooms
AND
MANUFACTORY.
RUSS & FAREL,
NO 11, SPRING STREET,
Manufacturers and dealers in
FURNITURE OF EVERY DESCRIPTION
Adjoining and Walnut Sts
PARLOR, COTTAGE CHAMBER
AND OFFICE
FURNITURE
CONSTANTLY ON HAND AND FOR SALE AT PRICES
THAT DEFY COMPETITION
MIRROR TOPS, BEDSTEADS AND BASSINETS
CONSTANTLY ON HAND AND GOT UP AT SHORT NOTICE
RUSS & FAREL
nov 28 1tf

$50,000 STOCK
JAMESTOWN STORE.
W S WINSOR
Has removed to the
NEW BRICK STORE, NO 9,
SPRING STREET
Where he keeps a full stock of the
LARGEST AND BEST STOCKS
of
DRY GOODS, CROCKERY,
GROCERIES, &c, &c,
Ever offered in
WESTERN PENNSYLVANIA
WHOLESALE AND RETAIL
CALL AND SEE
Titusville Dec 1 1865 dec1tf

CHRISTMAS BEEF
CHRISTMAS BEEF CHRISTMAS BEEF
CHRISTMAS BEEF CHRISTMAS BEEF
CHRISTMAS BEEF
FULTON MARKET.
J H LIVERMORE & CO
No. 8, Diamond Street.
NEW YEARS BEEF
NEW YEARS BEEF NEW YEARS BEEF
NEW YEARS BEEF NEW YEARS BEEF
NEW YEAR'S BEEF
FULTON MARKET.
J H LIVERMORE & CO
No. 8, Diamond Street.
dec 23

PITHOLE CITY, PA.
SHIPPERS to Pithole City, Pa., Mark goods "Care Pioneer's Freight Express, Titusville, Pa," as it connects with Am Express Co. and Oil Creek & R. R. at Titusville American Express Co. has no office at Pithole City
Titusville, Pa, Nov 1, 1865 J POMEROY, Proprietor
nov 2 3tdm

1,000 BARRELS APPLES,
Choice Winter fruit in store and for sale at D C Clark's New Brick nursery, corner Spring and Main streets. dec18

Public Lectures and a Public Library.

We are permitted to make the following extracts from the interesting lecture delivered by the Rev W Howell Taylor before the Culver Literary Association, on Friday evening last

The professional lecturer is an acknowledged teacher, one of a large class whose vocation is honored. It is his to gather and direct facts in a popular form. Many are thus reached and taught through the attractive channel of the lip and the voice. Solid truth is robed in the garb of nonsense, and those who shun the dry details of the dull or who raven over the prospect of information easily are induced to listen to the same ideas in this disguised form. Like an Eastern physician who overcome a child's aversion to medicine by the insertion in the handle of a bun through whose pores it was diffused in the royal system, the lecturer uses amusement as a vehicle merely. He is useful to those who, with no previous training and no early advantages, have no time for the pursuit of learning, and rusty all tools. The old adage "a little learned nothing, is valuable without pains or labor, and knowledge thus acquired is limited but it is better than none.

The pulpits of the nation have led quackes and charlatans ignorant pretents and boastful stringers of anecdotes into the desk. The dress of a good thing is however not worn for its rejection and the remedy for this evil lies with the people themselves. Let the charlatans lectures, not of balloons and dentists, but of the learned, the earnest, the polished and the instructive—men who will entertain as well as while they furnish divertisement. There are such in the world there will be more when the public taste and judgment will create the demand.

As one object of the Association with which we are connected is to provide a public place for the young men of Titusville and its vicinity and to afford them opportunities *for social improvement* we commit it to the kind understanding our aim or in the selection and endorsement of those whom we call to entertain us and to instruct us.

In the wide range of subjects which lie before us—the literary, scientific, religious and practical—there is enough of interest. Few have time to form profound acquaintance with any single knowledge, but it is enough if we get a sweet taste of the calling, which shall whet our appetites and induce us to study more deeply.

Contributions to literature, in a word, the form and the distinctive beauty and grandeur of our present revelation to us. We will not be dry to the end, we will have a hold of their sympathies. He who clothes his explanations in a graphic and simple manner will not fail to excite an interest in his profit. His lecture is the object of the lecture should be not to exhibit himself, but to give information which can be carried away.

Business men, and the men of the world, should not shrink from their contribution to the quota of knowledge. The duties of life in their idea of what the public demands. It asks for a simple story, a narrative of facts. They due to give it in easy or informal criticism. They are as laughing with the people which would be with the gallant as little as the month such as he might be in the office. And all the use as practical" men they will not *see it* as such. The world is thirsting for their plain talk and their practical wisdom. The scholar would be glad to sit at their feet and to learn of them but their lips are dumb, or their utterance oracles of mind in mysterious tongues. Let the people, says Carlyle, "hunger and thirst after facts, infinitesimal fractions of a fact if possible." And produce we add in the very most natural and familiar. It will be most effective. Let us have business *talkers* among those who will give us instruction—men who will bring their daily, matter of fact experience to our treasures of knowledge.

The wisdom of the past is the food of the present. A German workman at his bench wings to thought. Through the printer's press, principles, facts, information is spread broadcast in the walks of civilization. Books are the medium through which the humblest may draw information from the loftiest mind. The teachers of knowledge as in the mystic dance of the and at Greeks is thus passed down from hand to hand from father to son, in perpetual succession ever kindling into greater brightness and shedding the blessed radiance of sound reading and pure religion to illuminate all lives in the world.

The inspiring thoughts and the grand conceptions of our master spirits are treasured in books the principles of knowledge are embalmed in books they are an organ for the utterance of the poet and the burning words which spring up from the absorbed soul of the orator. They reproduce on the eye the pencillings of the artist and the people follow as Audubon in his faithful tracing of nature or rap the pictures without the fatigue and vexation of travelling.

A library in a country anywhere to an association like ours it become a necessity. Books are expensive proportionally to their size and value place them beyond the reach of our public libraries or of the favored few. Only such are the ones which are most needed for reference, and the most longed for by the seeker of knowledge. A cumbersome and not easily carried, an expensive and not easily found, they are accessible only through the Association or the munificence of some generous donor.

In our older cities, time and public spirit have supplied the necessity. Great libraries are thrown open to all. Here, where most needed, there is a want. Gentlemen of the Association it may be your privilege to inaugurate an important institution. You may give to this community that which will benefit all, and be a worthy monument which we may leave to the future. In the year 1700, ten ministers, each with an armful of books, laid them on the table at Branford with the words, "I give these books for the founding of a college in this Colony." From that humble beginning Yale College dates its origin and magnificent library.

MIDNIGHT DISPATCHES.

BY THE WESTERN UNION LINE.

VERY LATEST NEWS.

FORT KEARNEY Dec 22

At four o'clock this morning, the thermometer stood at twenty eight degrees below zero. The snow is drifted in the hollows between here and the Missouri River to depth of between fifteen and twenty feet. No coaches have arrived here from Atchison for two days.

PHILADELPHIA Dec 23

The numbers of the bond coupons stolen earlier by should read thirty five thousand fifty eight to thirty five thousand sixty four in classes instead of thirty five thousand fifty sixty four as erroneously published. The official numbers are correctly published.

NEW YORK Dec 23

This morning, about half past one, a fire broke out in No 1 Cortlandt street, and the flames spread rapidly to Nos 3 and 5. All three buildings are totally destroyed. Mr Sweeney's loss is about $40 000 in addition to $8 000.

Holders of certificates of the payment of twenty millions of gold interest by the Treasury after the first of January. The exports of specie to date amount to $4 000 000. Coin is quoted at 34 38.

The business at the Stock Board this morning was very much confined to the welcoming of Christmas with the customary blowing of horns. Transactions were few and the sales made were all next week and the parties were confident of a decided advance in the speculation. The general tone of the market is not very strong, stocks dull and the full side is confident of a decided improvement in the near future.

[Here the wire stopped working.]

SPECIAL NOTICES.
Wild Lands Wanted 5,000 to 5 000
For Sale HOUSE AND LOT
A Few Desirable Places for Building
Notice
Frank O. Allen & Co.,
LIFE, FIRE
Accident Insurance Agency,
TITUSVILLE CORRY, AND
PITHOLE CITY.
TRAVELERS INSURANCE CO
of Hartford,
Capital, $600 000
FIRE AND MARINE INSURANCE COMPANY,
Of Hartford,
Capital $1 00 000
NEW ENGLAND INSURANCE COMPANY
Of Hartford
Capital, $ 00 000
CONNECTICUT INSURANCE COMPANY,
Of Hartford
Capital, $ 00 000
PUTNAM INSURANCE COMPANY
Of Hartford,
Capital, $ 00 000
HOME INSURANCE COMPANY
Of New Haven
Capital, $ 00 000
ENTERPRISE INSURANCE COMPANY
Of Philadelphia
Capital $ 00 000
NORTH AMERICA INSURANCE COMPANY,
Of New York,
Capital, $500 000
ARCTIC INSURANCE CO
of New York,
Capital $ 00 000
MORRIS INSURANCE CO,
of New York,
Capital, $ 00 000
SECURITY INSURANCE CO,
of New York,
Capital, $1 000 000
HOME INSURANCE COMPANY
of New York,
Capital, $ 000 000
nov13 1tf

In Matter of the Assignment of Anna Stebbins to trustees for the benefit of her creditors.

Notice is hereby given that I have filed my petition in the Court of Common Pleas of Venango County, praying for a discharge from my debts under the provisions of the act of Assembly entitled "An act to provide for the relief of insolvent debtors" and that the Court has appointed the 21st day of January next for the hearing thereof, when and where I shall be ready to discharge my creditors, if they shall appear and show cause why I should not be discharged.

H. B. COMPTON, Atty
dec 18w3t

ON COMMISSION
Oil for sale in Cattle Lots or Contracts will find it to their advantage to call on the undersigned
STEPHEN WAITE
READ HOUSE
The Titusville Water Well Co. is office in the WAITE BLOCK, room No 3, corner Main and Franklin streets
STEPHEN WAITE Agent

FINANCIAL AND COMMERCIAL

PETROLEUM MARKETS

TITUSVILLE Saturday Evening December 23

The Petroleum market is firm at previous quotations. Oil appears to be scarce in Titusville many of the wells having sold out and not being able to deliver. Tanks in some instances return the teams empty. It appears that the Pithole buyers will be either by wagon or tank and boat at a minimum figure, are able to remove their flowing in the state of the market. Many are stringing up for to fulfill their contracts. Many bought at the supposed bottom but all from Rouseville have refused that market which was at the top contracted. Many have gone to work for the other so that those who would not take now to fight at a little pressure. Dig to wait till the market comes and a little.

We found on Saturday a slack day for the Pithole buyers. Only a few lots changed hands. It is the opinion of many that the market will be firmer.

PETROLEUM

[illegible]	47 00
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

COAL

[illegible]	21 00
[illegible]	15 00
[illegible]	18 00
[illegible]	13 00
[illegible]	15 00
[illegible]	18 00

LUMBER

[illegible]	450 00
[illegible]	30 00
[illegible]	8 00
[illegible]	6 00
[illegible]	6 00
[illegible]	9 00

LIME

[illegible]	1 40
[illegible]	1 00
[illegible]	1 00
[illegible]	1 00
[illegible]	1 00
[illegible]	1 00

NEW YORK OIL MARKET.

[illegible]

PITTSBURGH WHOLESALE MARKET.

[illegible]

FULTON MARKET.

[illegible]

NEW YORK MARKET

[illegible]

N. Y. MONEY AND STOCK MARKET

[illegible]

LIFE, FIRE,
AND
ACCIDENTAL INSURANCE.
Mills & Wrigley,
AGENTS.
NEW YORK AND PHILADELPHIA,
METROPOLITAN,
OF NEW YORK
CAPITAL AND SURPLUS $1,100,000
KENSINGTON OF LIBERTY
CAPITAL $714,077,78
EXCELSIOR ACCIDENT COMPANY
OF HARTWELL
PROVIDENT LIFE INSURANCE AND INVESTMENT COMPANY,
CAPITAL $1,000,000
CHARTER OAK FIRE INSURANCE CO,
OF HARTFORD CONN
CAPITAL $200,000
LOSS OR DAMAGE BY FIRE
ON PUBLIC AND PRIVATE BUILDINGS
FURNITURE STOCKS OF GOODS AND MERCHANDISE GENERALLY,
GENERAL OR SPECIAL ACCIDENTS
EXTRA HAZARDOUS RISKS
OIL TANKS WELLS AND REFINERIES,
EDWARD MILLS,
WILLIAM WRIGLEY,
Office up stairs No. 2, Fletcher's Block.
oct24tf
2,000 BUSHELS POTATOES
for sale at D C Clark's New Brick nurseries, corner Spring and Monroe streets. dec14

J. J. McCRUM,
Manufacturer and Dealer in
HARNESS,
Saddles, Bridles, Trunks, Traveling Bags, Whips,
LEATHER BELTING, &c.
SPRING STREET,
Four Doors East of Petroleum Bank,
TITUSVILLE, PA.
s 18

INSURANCE.
B W MURRAY,
AGENT FOR THE
LIVERPOOL AND LONDON AND GLOBE INSURANCE CO,
ROYAL
INSURANCE COMPANY
OF ENGLAND
INTERNATIONAL
FIRE INSURANCE COMPANY
OF NEW YORK
MUTUAL BLUE
INSURANCE COMPANY
OF NEW YORK
WIDOWS AND ORPHANS BENEFIT
FIRE INSURANCE COMPANY
OF New York
UNIVERSAL
FIRE INSURANCE COMPANY
OF New York
CHARTER OAK
FIRE INSURANCE COMPANY,
of Hartford Conn
Office in F H Ely & Co's Hardware Store, Diamond Titusville

A. H. KROM & CO.,
MECHANIC STREET NEAR R. R. DEPOT,
TITUSVILLE, PA.
WHOLESALE
GROCERS,
AND DEALERS IN
FLOUR, GRAIN, LIME, &C.
We invite the attention of Dealers and Hotel Keepers to our
LARGE STOCK OF GROCERIES,
selected with great care, one of the firm being constantly in New York and the West making purchases.
We flatter ourselves that we can offer to those wishing goods in our line, sufficient inducements to lead them to purchase here in preference to any other market.
Please call and examine aug 29 1tf

HASTINGS & LINDLEY
CRITTENDEN HALL
Call the attention of Consumers to their large and varied assortment of
STAPLE, DOMESTIC AND FANCY
DRY GOODS,
NOTIONS, SMALL WARES, AND House Furnishing Goods,
CROCKERY,
Glassware of all Descriptions,
(A FULL STOCK,)
JAMES (as of line) also a full stock of
GROCERIES,
Which will be sold as low as can be bought in the
WORLD!
1865. HASTINGS & LINDLEY. 1865

G. FRANK & CO.
KELLOGG'S BUILDING,
SPRING ST OPPOSITE AMERICAN HOTEL
DRY GOODS,
CLOAKS SHAWLS DRESS GOODS,
FURS DOMESTIC GOODS
HATS HAND CAPS,
READY MADE CLOTHING,
AND
GENTS FURNISHING GOODS.
We are doing not greatly Retail Prices on everything and invite the various lines of goods in the location and we specially ask a share of the trade feeling that we can give entire satisfaction. Remember the place
KELLOGG'S NEW BRICK BUILDING, Opposite American Hotel Spring Street Titusville
G FRANK & CO

EMPIRE COAL AND LUMBER YARD,
HALE & SILLIMAN
WHOLESALE AND RETAIL DEALERS IN LUMBER,
CONSISTING OF
FLOORING, SHINGLE, CLAPBOARDS, CEILING, LATH, BLINDS, SASH, DOORS
COAL.
ANTHRACITE, BLOSSBURG, BITUMINOUS, SNOW SHOE
L. B. SILLIMAN
L. B. SILLIMAN
nov18tf

C. H. AMES & CO
Wholesale and Retail Dealers in
Dry Goods, Groceries, Hardware
NAILS, IRON, STEEL, ROPE, BELTING
BELLOWS, &c.
Which we are prepared to sell at the lowest cash prices. Our facilities for purchasing are such that we flatter ourselves we can offer better inducements than you can get elsewhere. Call and examine our stock before making your purchases.
Corner of Pine and Franklin streets,
TITUSVILLE, PA.

FURNITURE WAREROOMS
F. M. PAGE,
Titusville, Pa., now open on Spring Street, between Perry and Monroe
where may be found one of the
FINEST AND LARGEST STOCKS OF
FURNITURE
WEST OF NEW YORK CITY
To the citizens of Titusville and surrounding towns we respectfully ask you to call and examine our stock before going to other places to purchase. We will show such a stock as will induce purchases. Our prices will be found as cheap as the same goods can be purchased in any market adding freight.
I will not enumerate articles, but my stock will be found everything in the
FURNITURE LINE.
Including Mattresses and Bedding. If you want a good article at P N PAGES
A O HAKE, Agent

CLARK & BROWN
HAVE JUST RECEIVED
A LARGE SUPPLY OF
SANFORD'S
Challenge Heaters
PORTABLE FURNACES
AND
FURNACES TO SET IN BRICK
They have also a complete stock of
Cook and Parlor Stoves of Every Description.
IN GOOD'S NEW BLOCK,
Franklin Street, Titusville,
ALSO MANUFACTURERS OF
Tin, Copper, and Sheet Iron Ware.
Call and examine for yourselves. Our motto is
"Quick Sales and Small Profits."
EZRA CLARK A. R. BROWN
oct18tf

RICH FURS, HATS, CAPS
AND
Furnishing Goods
L. A. SIRRE
Has removed to the
NEW AND SPACIOUS STORE IN SPRING
Adjoining the Post Office where he has opened a full and elegant Stock of Goods.
In FURS you will find an assortment which, for richness and variety cannot be excelled by any retail house in New York consisting of the following goods in Sets or Single Articles
DARK HUDSON BAY SABLE,
PINE DARK MINK
ROYAL ERMINE,
SIBERIAN SQUIRREL,
RUSSIAN AND HUNGARIAN FITCH
RIVER MINK,
FRENCH SABLE
All kinds of
CHILDREN'S FURS
in abundance, Ladies' GLOVES and FUR GLOVES, lined and unlined
$1100, Buffalo, Wolf, Fox, and Bear Robes. Fancy Shield and TRAVELING BLANKETS
GENTLEMEN'S FURS
GLOVES AND FURNISHING GOODS, he will find the
FINEST STOCK
The HAT & CAP department
Will always be found well supplied with the
OLD, MIDDLE AGED AND YOUNG
L. A. SIRRE,
Spring St.
nov18tf

NEWSPAPER ARCHIVE®

The Morning Herald.

Titusville, Pa., Dec. 25, 1865.

[illegible] Morning Herald, [illegible]

Agents for the Morning Herald.

Oil City Business—[illegible] J. St. Clair.
Pithole City—[illegible] & Co.
Petroleum Center—Bateman & Nicholson.
[illegible] J. W. Weldon.
Tarr Farm—A. L. Hoag, T. M.
[illegible] Clark.
Rouseville—[illegible] Pa.
Reno—[illegible] & Hoag.
Oil Creek—[illegible] Titusville, Pa.

Local Notices.

Local Notices—R. C. Clark & Co.
Corinthian Hall—Mollie Newton.
Card—[illegible]
Card—A Rare Chance to Make Money—P. Bates.
The Sailor's Wife.
Local Notices—Tinkcraft & Jewhurst.

CLASSIFIED.

The Morning Herald Office

Has been removed from Franklin street to the second floor in Watson's new block, adjoining Corinthian Hall, Spring street. Our printing facilities have been very largely improved of late, and with the increased accommodations afforded by our new location we shall be able to meet the wants of our patrons in a prompt and satisfactory manner.

A Merry Christmas.

To-day being Christmas, the printers as well as the rest of mankind, suspend labor, and as a consequence no paper will be issued from this office to-morrow.

There will be religious services in the Episcopal church this morning at the usual hour. Sermon by the Rev. Mr. Purdon, and administration of the Sacrament of the Lord's Supper. Sunday school festival in the evening, and address by the Pastor.

Church Run and the Jackson Gas Pump Again.

On the 14th instant we recorded the results of our observations on a visit to the Eureka well on Church Run, pertaining to particular the operations of the Jackson air-pump used for removing the gas from the well, with its probable effect upon the action of the common oil pump which was at work at the same time, for the purpose of raising the fluid to the surface.

On Monday afternoon we finds another visit to the same well, and for the same purpose as before; but the phenomena witnessed were very different in appearance, though not necessarily involving any new principles, at least, the impressions which we received on our former visit were confirmed by a new set of results obtained under different conditions.

When we arrived, the gas pump had not been in operation for some time, and the flow from the well seemed to be at the rate of about forty five barrels per day; these two items were the same as before, but here the similarity ceased. In the first case, the walking beam was making from sixty five to seventy strokes per minute, but in the second, only from fifty five to sixty, and the machinery seemed to be laboring or straining, just as it operated in the first case after the gas pump had been run.

The beam was new, for the old one had been broken by this tremendous strain upon it. Mr. Roof, a brother of the Superintendent, was at the well, and he kindly afforded us every facility for witnessing the operations of the machinery.

When the gas pump was put in motion, the index of the vacuum gauge started immediately, showing that the first stroke of the pump reduced the pressure of the gas in the well below that of the external atmosphere, and leading one to suppose that there was some means for escape for the gas when the pump was not running. During the first minute the index went up to 20, and in the next three minutes until the pump was stopped, it only registered 23, showing that the pressure of the external air was greater than that of the gas in the well, by the weight of a column of mercury 23 inches in height, or equivalent to a pressure of about 11 1-4 lbs to the inch. It required four minutes and three quarters for the index to return to zero; and during this time the machinery continued to work precisely as it had before the gas pump was started, and the flow of oil, water and gas from the well was uninterrupted, indicating that this difference in pressure of 11 1-4 lbs to the square inch was not sufficient to make any perceptible difference either in the movement of the machinery or in the amount of fluid elevated by the oil pump.

These things were so different from what had been witnessed at our first visit, that we followed up the clue furnished by the operators of the vacuum gauge. The connections at the well and at the gas pump were examined, without detecting any leak, but on going to the exhaust pipe of the gas pump, we found the explanation—a large stream of gas was flowing from it, although the pump had been stopped some ten minutes. The valves of the pump not being worked by cams or counterlicks but by the pressure of the gases, must all open outward from the well, so that when the pressure in the well is greater than that outside, it opens the valves and the gas flows through the pump into the exhaust pipe and out into the external air. The pump was run again at our request, and no gas came from the exhaust pipe while the index of the gauge was returning, but as soon as it reached zero, the flow commenced again and soon became as large as before. We are certain that this was not the case at the time of our former visit, for we examined this pipe before and after the pump was started, to observe the quantity of oil that had been thrown out with the gas.

The results of our observations may be summed up briefly as follows. At the time of the first visit, or in the first case, the gas was allowed to accumulate in the well, pressing upon the surface of the fluid and assisting the oil pump to bring it to the surface, until the air pump removed this assistance, when the flow from the well suddenly ceased, for the oil pump was inadequate to perform the work alone. Then the from and oil accumulated in the well, rising higher and higher around the tubing, above the pump, until the weight of this column and the pressure of the gas again afforded a counterbalancing force, sufficient to enable the pump to commence work, when it brought up pure, salt water, and after water pure oil in increased quantities, as the accumulating force of the gas drove the column in the well downwards towards the pump.

In the second case, the gas had, comparatively, a free access to the open air, which permitted the fluids in the well to rise much higher than they would rise if the gas were not allowed to escape—to rise, indeed, until the weight of this column produced sufficient counterbalancing effect to enable the oil pump to do its work without any assistance, as, before, from the pressure of the confined gas. The pump was however, doing this work with great difficulty, as was evinced by the steady upon the walking beam.

Left to operate the gas then to escape, freely, and allow the oil and water to rise in the well, must render inefficient, or nearly so, the beneficial results claimed from the action of the air pump, and allow the equal effect of it, under these circumstances, to be relative the mass of a pressure of only eleven or twelve pounds to the square inch, which is too small an effect to be perceptible.

If, then, our impressions are correct, the gas pump is not worth the steam required to drive it. It failed in the first place to relieve the oil pump by opening an independent passage for the gas; and in the second place, by taking off the tremendous pressure of the gas from the well and causing a vacuum there, to induce the oil and gas from the strata to rush in more freely than they would without such relief from the pressure, which is we have seen under amount sometimes to two hundred and eighty three pounds to the square inch.

In respect to both these claims it will be seen that while cased tubing is used, which is being very generally introduced now, the same results may be obtained and with almost as good a degree of perfection by the use of a simple stop cock at the surface for letting off the gas. For instance, if the gas is interfering with the action of the pump, open the cock and the pump is relieved, and if it is desired to remove the pressure from the walls and crevices of the well pump out the oil and water as completely as possible with the cock closed, and then stop the pump and open the cock. The well will then be relieved of a pressure of from 100 to 200 lbs to the square inch, according to its depth and the density of the fluids—the gas pump could only take off some eleven or twelve pounds more which we have already seen is so small an object as to be inappreciable.

But we proposed to consider the question "Why does the gas pump throw out oil as well as water?"

At the time of our last visit very little oil came from the exhaust pipe, and from all we have seen of the effects and operations of gas in connection with wells, our impression is may be illustrated by the following. It is well known that water, under a heavy pressure, will absorb a considerable quantity of carbonic acid gas, and that when the pressure is removed, the water commences to bubble and effervesce with violence. Something analogous to this may be seen in a bottle of champagne—carbonic acid gas has been generated by fermentation and is held in the wine under a great pressure, which is relieved by taking down the cork with wire. Hold the bottle up to the light—the liquor is quiet, and shows no evidence of containing within itself an expansive energy; but break the wire and the cork flies out with a sharp report, while the gas which was held so quietly all through the mass of the liquor, immediately spreads into bubbles or rushes up through the neck of the bottle carrying with it considerable quantities of the wine.

Our story is told—the well is the champagne bottle, and the effervescence takes up the oil when the pressure is removed.

We are indebted to J. A. Cudnallader, Esq. for the following statistics of the strata of sand rock at the Tarr's.

[illegible]

Top of first sand rock	[illegible]
Thickness of first sand rock	[illegible]
Top of second sand rock	[illegible]
Thickness of second sand rock	[illegible]
Top of third sand rock	[illegible]
Thickness of third sand rock	[illegible]

Amusements.

Christmas Jubilee at Bliss Opera House.

Benefit of Miss Mollie Newton.—It was understood on Friday night that Miss Opera House had closed, but as the company intended it, it was decided to give another performance this evening for the benefit of the gifted lady above mentioned. Christmas night was a happy selection and we hope it will prove a very remunerative one. Miss Mollie Newton is a well established favorite with the people of Titusville and there are but a few who will regret an opportunity of testifying their good opinion of her talents. Miss Newton is a lady of the highest order of talent, and in addition she has hosts of admirers and has achieved a very enviable distinction in her profession. No lady upon the boards ever drew a character with more exquisite taste or exhibits a more graceful and winning deportment. With a lively conception and apt in execution [illegible] that during a first performance she should have relieved so favorable a reputation in Titusville, and so deserved a popularity wherever it has been appreciated.

The programme arranged for her benefit is admirably calculated to develop her peculiar talent and awaken the Christmas sentiment. The motto of the bill is—

"For those laugh now who never to laugh [illegible]
And those who [illegible] to laugh [illegible]"

Mollie Newton appears in three favorite characters, viz: Christine, Betty Biggs and Susan. [illegible] Mr. Mowbray, Mr. Nobbs, and all the minor characters are cast to good advantage.

Miss Angenette Darrow, who is always charming and all else in what we see and hear, will recite Buchanan Reade's thrilling poem entitled "Shooting a Ride," and we have no doubt the fashionable eye and the imperfect tones of the young elocutionist, and the thoughts of emotions which follow the performance will give due emphasis to the condition, even if it does not carry one into the field of battle to divide the honors with Little Phil.

Everybody should go early to-night and get good seats. Tickets may be secured during the day and we hope to see the house filled to overflowing, and a most successful benefit may result.

Bissell of San Ryan.—To-morrow (Christmas) evening, has been set apart in the Corinthian Hall, Ryan's of Corinthian Hall. There will be no other public amusement and we are apprehensive that the hall will be much [illegible] which we trust [illegible] low [illegible] high hour. We only say that Pat Ryan's [illegible] for the occasion are and finished with a point of [illegible] Ryan has sent [illegible] a good deal better for [illegible] than Sam, and [illegible] many [illegible] that the benefit [illegible] Pat will be not the [illegible]. Mr. Ryan will be the "Christmas Boy," and it being his benefit [illegible] since in the off [illegible], he will then go back to the United States.

The programme is well arranged, and on the occasion and will afford a rich entertainment. Mr. and Miss Coulduck have volunteered their services, and the performance will open with the great domestic drama entitled "Old Phil's Birthday," in which both father and daughter appear. The comic two act drama of "The Fair of Mullingar, or Scenes on both sides of the Atlantic," will follow, and Mr. Ryan appears in his celebrated character of Jimmy Hinchcliffe, a double distilled quintessence of all that is comic and ludicrous, and the "Head Center" of all that is jovial, jaunty and cheeky. Mr. Kent makes his first appearance as Captain Dancer. The bill is a great attraction, and will realize a handsome benefit for Sam Ryan. We hope so, for we have a fellow feeling for Sam, for he is a practical printer, and apart from his merits as an actor, he has the reputation of always paying his printing bills—no matter who gets busted.

The Willow Copse.—On Saturday evening the thrilling drama of the "Willow Copse" was played to a crowded house. Mr. Coulduck appeared in his characteristic role, holding sustained that perfect impersonation in which he stands unrivalled on the American stage. Miss Ella Coulduck also rendered her part in Rose Fielding with unusually successful effect. Mr. Tyron as Meg, and J. R. Hillman as Richard Vaughan, fully met the general expectation, and the performance as a whole was very creditable.

Christmas in the Churches.

The Sunday school children are to have fine times to-night in the First Presbyterian, the Methodist and the Episcopal churches; the officers and teachers of the several schools have made extensive arrangements for the entertainment of the little folks, and the Christmas trees will be liberally laden with every imaginable gift that can delight the eye, amuse the fancy or tickle the palate of juveniles.

There will be dense throngs of older people, of course, to witness the jubilation, and hail Santa Claus in the distribution of his holiday favors.

Accident on the Oil Creek Railroad.—A freight train which left Titusville at eight o'clock on Saturday morning, went off the track while passing Meyer's switch about three miles above the city, the locomotive remaining on the main track, and the tender and two cars being switched off. The cause given was that it spread the rails for a considerable distance along the road, and threw the cars upon either side of the track. The road remained open at midnight eight o'clock at night, when the local train, due here at 12 m., came down and returned to Corry with the passengers who had been waiting all the afternoon and evening. Most of them, expecting to get their Christmas dinners at home, will be disappointed while the masses, enjoying many a Christmas offering, will not reach their destination until day. Both the Corry and Titusville [illegible] were [illegible] the [illegible] passengers to the Meyer's switch and there transferred them to the train within, on the other side. This would have been done under similar circumstances on this other road but it is too much to expect of the O. C. R. whose dividends are not over [illegible] and having made so light out of old [illegible] any extra attention [illegible] for considerations.

Public Duty Half.—The Rev. [illegible] Publicans of Meadville, Special Agent of the Post Office Department, was here lately on a visit, and upon an examination of our postal facilities he [illegible] in favor of the connection of our mail from New York via Meadville over the Miller Farm Junction route instead of coming by Corry. He [illegible] will come to Titusville and the mail [illegible] the [illegible] at 10 o'clock, arriving [illegible] the [illegible] in time for the [illegible] mail.

Attempted Murder near Petroleum Center.—Mr. Wm. Spencer, Superintendent of the Brown Run Petroleum Company, was fired upon at Petroleum Center on Saturday evening while riding along the road. His assailant was at the side of the road and his pistol ball passed through the skirt of Mr. Spencer's coat. He jumped from his horse and drawing his own pistol fired at the robber and afterwards pursued him some distance, but without overtaking, or identifying him.

The Oil City and Pithole Railroad will be finished to Oil City by the first of February. The Pithole and Oil City Company are already arranging to run a passenger train between Pithole and Oil City.

[illegible]

Go to Wm. Sweeney's Laundry to get your Washing done.

Fine shirts, Bosoms Laundry, if you want a good [illegible]

Our Lunch Cloth do. Robes from $1 to $25, at [illegible]

Fine Cambric, Lawn, Gossamer, Illusion and Swiss Muslins at [illegible]

Parent Black Back Thread, Alliance Thread, Domestic Thread.

Parent Black Back Thread, Alliance Thread, Domestic Thread.

Parent Black Back Thread, Alliance Thread, Domestic Thread.

[illegible] Clark & Co's, Commercial Hotel, Oil City.

Wm. Sweeney's Laundry, Head of Washington street, [illegible] at Wood's.

[illegible] Cambric, Lawn, Gossamer, Illusion and Swiss Muslins